

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:17:56 ON 17 JAN 2007

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:18:11 ON 17 JAN 2007  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s silicon or siloxan? or ?siloxane

FILE 'MEDLINE'

22863 SILICON

1522 SILOXAN?

3491 ?SILOXANE

L1 26341 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'SCISEARCH'

198606 SILICON

6117 SILOXAN?

17976 ?SILOXANE

L2 215231 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'LIFESCI'

LEFT TRUNCATION IGNORED FOR FILE 'LIFESCI'

2605 SILICON

63 SILOXAN?

53 SILOXANE

L3 2663 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'BIOTECHDS'

LEFT TRUNCATION IGNORED FOR FILE 'BIOTECHDS'

1563 SILICON

111 SILOXAN?

99 SILOXANE

L4 1651 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'BIOSIS'

10743 SILICON

810 SILOXAN?

3313 ?SILOXANE

L5 13931 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'EMBASE'

23756 SILICON

1138 SILOXAN?

3715 ?SILOXANE

L6 27001 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'HCAPLUS'

805545 SILICON

97819 SILOXAN?

114763 ?SILOXANE

L7 930953 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'NTIS'

39074 SILICON

1131 SILOXAN?

1012 ?SILOXANE

L8 40116 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'ESBIOBASE'  
LEFT TRUNCATION IGNORED FOR FILE 'ESBIOBASE'  
3461 SILICON  
301 SILOXAN?  
258 SILOXANE  
L9 3732 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'BIOTECHNO'  
2627 SILICON  
139 SILOXAN?  
468 ?SILOXANE  
L10 3016 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'WPIDS'  
333353 SILICON  
28453 SILOXAN?  
58862 ?SILOXANE  
L11 380917 SILICON OR SILOXAN? OR ?SILOXANE

TOTAL FOR ALL FILES  
L12 1645552 SILICON OR SILOXAN? OR ?SILOXANE  
Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> s l12(10a) (form? or produc? or synthe? or condens?)  
FILE 'MEDLINE'  
1504342 FORM?  
1359578 PRODUC?  
661527 SYNTHE?  
30544 CONDENS?  
L13 1271 L1 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'SCISEARCH'  
2404917 FORM?  
1936029 PRODUC?  
1124144 SYNTHE?  
115703 CONDENS?  
L14 21432 L2 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'LIFESCI'  
432379 FORM?  
537827 PRODUC?  
190299 SYNTHE?  
8727 CONDENS?  
L15 243 L3 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'BIOTECHDS'  
105613 FORM?  
232777 PRODUC?  
49525 SYNTHE?  
2754 CONDENS?  
L16 309 L4 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'BIOSIS'  
1683304 FORM?  
1794740 PRODUC?

841837 SYNTH?  
39884 CONDENS?  
L17 1186 L5 (10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

FILE 'EMBASE'

1337009 FORM?  
1296993 PRODUC?  
750698 SYNTH?  
31486 CONDENS?  
L18 1268 L6 (10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

FILE 'HCAPLUS'

6518607 FORM?  
4418585 PRODUC?  
983213 PRODN  
4892541 PRODUC?  
(PRODUC? OR PRODN)  
2145225 SYNTH?  
553465 CONDENS?  
L19 130990 L7 (10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

FILE 'NTIS'

317740 FORM?  
375564 PRODUC?  
60172 SYNTH?  
17256 CONDENS?  
L20 3995 L8 (10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

FILE 'ESBIOBASE'

545440 FORM?  
635528 PRODUC?  
257611 SYNTH?  
13783 CONDENS?  
L21 532 L9 (10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

FILE 'BIOTECHNO'

328492 FORM?  
394590 PRODUC?  
210476 SYNTH?  
6950 CONDENS?  
L22 203 L10(10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

FILE 'WPIDS'

5039205 FORM?  
2481558 PRODUC?  
387012 SYNTH?  
226642 CONDENS?  
L23 132976 L11(10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

TOTAL FOR ALL FILES

L24 294405 L12(10A) (FORM? OR PRODUC? OR SYNTH? OR CONDENS?)

=> s l24(10a) (trypsin or protease# or enzym? or hydrolase#)

FILE 'MEDLINE'

61645 TRYPSIN  
86941 PROTEASE#  
1191213 ENZYM?  
84505 HYDROLASE#  
L25 9 L13(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'SCISEARCH'

28341 TRYPSIN  
84872 PROTEASE#  
583038 ENZYM?  
18749 HYDROLASE#

L26            28 L14(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'LIFESCI'  
              10794 TRYPSIN  
              29494 PROTEASE#  
              239544 ENZYM?  
              5885 HYDROLASE#  
 L27            5 L15(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'BIOTECHDS'  
              3613 TRYPSIN  
              19472 PROTEASE#  
              142736 ENZYM?  
              2949 HYDROLASE#  
 L28            22 L16(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'BIOSIS'  
              54925 TRYPSIN  
              96466 PROTEASE#  
              1913824 ENZYM?  
              24516 HYDROLASE#  
 L29            19 L17(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'EMBASE'  
              36525 TRYPSIN  
              63155 PROTEASE#  
              929877 ENZYM?  
              17502 HYDROLASE#  
 L30            12 L18(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'HCAPLUS'  
              71197 TRYPSIN  
              113557 PROTEASE#  
              1138854 ENZYM?  
              26713 HYDROLASE#  
 L31            100 L19(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'NTIS'  
              398 TRYPSIN  
              679 PROTEASE#  
              13134 ENZYM?  
              1240 HYDROLASE#  
 L32            0 L20(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'ESBIOBASE'  
              10272 TRYPSIN  
              42509 PROTEASE#  
              296111 ENZYM?  
              7547 HYDROLASE#  
 L33            9 L21(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'BIOTECHNO'  
              13615 TRYPSIN  
              26983 PROTEASE#  
              366038 ENZYM?  
              6822 HYDROLASE#  
 L34            6 L22(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)  
 FILE 'WPIDS'  
              5544 TRYPSIN  
              20358 PROTEASE#  
              109412 ENZYM?  
              2859 HYDROLASE#  
 L35            40 L23(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

TOTAL FOR ALL FILES

L36 250 L24 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

=> s l36 not 2005-2007/py

FILE 'MEDLINE'

1307537 2005-2007/PY

(20050000-20079999/PY)

L37 5 L25 NOT 2005-2007/PY

FILE 'SCISEARCH'

2330354 2005-2007/PY

(20050000-20079999/PY)

L38 22 L26 NOT 2005-2007/PY

FILE 'LIFESCI'

171446 2005-2007/PY

L39 5 L27 NOT 2005-2007/PY

FILE 'BIOTECHDS'

53891 2005-2007/PY

L40 17 L28 NOT 2005-2007/PY

FILE 'BIOSIS'

1047957 2005-2007/PY

L41 15 L29 NOT 2005-2007/PY

FILE 'EMBASE'

1114482 2005-2007/PY

L42 8 L30 NOT 2005-2007/PY

FILE 'HCAPLUS'

2604969 2005-2007/PY

L43 78 L31 NOT 2005-2007/PY

FILE 'NTIS'

24600 2005-2007/PY

L44 0 L32 NOT 2005-2007/PY

FILE 'ESBIOBASE'

666570 2005-2007/PY

L45 6 L33 NOT 2005-2007/PY

FILE 'BIOTECHNO'

0 2005-2007/PY

L46 6 L34 NOT 2005-2007/PY

FILE 'WPIDS'

2458198 2005-2007/PY

L47 27 L35 NOT 2005-2007/PY

TOTAL FOR ALL FILES

L48 189 L36 NOT 2005-2007/PY

=> dup rem l48

PROCESSING COMPLETED FOR L48

L49 125 DUP REM L48 (64 DUPLICATES REMOVED)

=> d tot

L49 ANSWER 1 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI Asymmetric synthesis of antimer chiral silicon cyan alcohol;  
stereospecific silicon cyan alcohol preparation using  
enzyme-catalyzed stereospecific asymmetric synthesis

AU ZONG M; LI N

AN 2004-21166 BIOTECHDS

PI CN 1488760 14 Apr 2004

L49 ANSWER 2 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Treatment useful for prevention or reduction of scars comprising application of composition containing fluid and film-forming carrier and hardening carrier into tangible membrane

PI US 20040096487 A1 20040520 (200440)\* EN 7[0] A61K038-43  
IN STUDIN J R

L49 ANSWER 3 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Stable corrosion prevention and improvement promoter for plant production material spraying, has silicon oxide, calcium oxide, amorphous alumina silicate and a mineral reaction enzyme agent

PI JP 2004137311 A 20040513 (200435)\* JA 6[0] C09K017-42  
IN UMEZAKI J

L49 ANSWER 4 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Enzyme immobilization on porous silicon surfaces  
SO Advanced Materials (Weinheim, Germany) (2004), 16(8), 689-693  
CODEN: ADVMEW; ISSN: 0935-9648

AU Letant, Sonia E.; Hart, Bradley R.; Kane, Staci R.; Hadi, Masood Z.; Shields, Sharon J.; Reynolds, John G.

AN 2004:396084 HCAPLUS  
DN 141:169955

L49 ANSWER 5 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Siloxane biocatalysis  
SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2004), 45(1), 614-615  
CODEN: ACPPAY; ISSN: 0032-3934

AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.

AN 2004:234453 HCAPLUS  
DN 141:157571

L49 ANSWER 6 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Siloxane biocatalysis  
SO Abstracts of Papers, 227th ACS National Meeting, Anaheim, CA, United States, March 28-April 1, 2004 (2004), POLY-544 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 69FGKM

AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.

AN 2004:229179 HCAPLUS

L49 ANSWER 7 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI New method for attachment of biomolecules to porous silicon: platform for enzyme-based chemical detection

SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2004), 45(1), 537-538  
CODEN: ACPPAY; ISSN: 0032-3934

AU Hart, Bradley R.; Letant, Sonia E.; Kane, Staci R.; Hadi, Masood Z.; Shields, Sharon J.; Reynolds, John G.

AN 2004:234409 HCAPLUS  
DN 142:33789

L49 ANSWER 8 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Microfluidic biosensing systems. Part II. Monitoring the dynamic production of glucose and ethanol from microchip-immobilised yeast cells using enzymatic chemiluminescent  $\mu$ -biosensors

SO Lab on a Chip (2004), 4(5), 488-494  
CODEN: LCAHAM; ISSN: 1473-0197

AU Davidsson, Richard; Johansson, Bjoern; Passoth, Volkmar; Bengtsson,  
Martin; Laurell, Thomas; Emneus, Jenny  
AN 2004:824709 HCAPLUS  
DN 142:332040

L49 ANSWER 9 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Influence of silicate application on the sucrose synthetic enzyme activity  
of tomato in perlite media culture  
SO Acta Horticulturae (2004), 633(Protected Cultivation 2002: In Search of  
Structures, Systems and Plant Materials for Sustainable Greenhouse  
Production), 259-262  
CODEN: AHORA2; ISSN: 0567-7572  
AU Lee, J.-W.; Kim, Y.-C.; Kim, K.-Y.; Yun, H.-K.; Seo, T.-C.; Park, K.-W.  
AN 2004:575017 HCAPLUS  
DN 142:218386

L49 ANSWER 10 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Ester synthesis catalyzed by Mucor miehei lipase immobilized on magnetic  
polysiloxane-polyvinyl alcohol particles  
SO Applied Biochemistry and Biotechnology (2004), 113-116, 189-199  
CODEN: ABIBDL; ISSN: 0273-2289  
AU Bruno, Laura M. De Lima; Filho, Jose L. De M.; Melo, Eduardo H.; De  
Castro, Heizir F.  
AN 2004:376082 HCAPLUS  
DN 141:87866

L49 ANSWER 11 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN.  
TI Lipase-catalyzed ammonolysis of trimethylsilylmethyl acetate in organic  
solvent;  
yeast enzyme-catalyzed ammonolysis for use in  
silicon-containing amide synthesis  
SO BIOCATALYSIS AND BIOTRANSFORMATION; (2004) 22, 3, 183-187 ISSN:  
1024-2422  
AU PENG HS; ZONG MH; WANG JF; XU YQ  
AN 2005-01729 BIOTECHDS

L49 ANSWER 12 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Development of the enzyme immobilization method for having used the new  
carrier constructing-bridge method  
SO Chemical Sensors (2004), 20(Suppl. A), 118-120  
CODEN: KAGSEU  
AU Xu, Yitai; Amemiya, Takashi; Itoh, Kiminori  
AN 2004:719663 HCAPLUS  
DN 142:151099

L49 ANSWER 13 OF 125 MEDLINE on STN DUPLICATE 2  
TI Detection of bacteriophage infection and prophage induction in bacterial  
cultures by means of electric DNA chips.  
SO Analytical biochemistry, (2004 Jan 1) Vol. 324, No. 1, pp. 84-91.  
Journal code: 0370535. ISSN: 0003-2697.  
AU Gabig-Ciminska Magdalena; Los Marcin; Holmgren Anders; Albers Jorg; Czyz  
Agata; Hintsche Reiner; Wegryzn Grzegorz; Enfors Sven Olof  
AN 2003574720 MEDLINE

L49 ANSWER 14 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Enzyme-catalysed siloxane bond formation  
SO (2003) No pp., given Avail.: From degree-granting institution  
From: Diss. Abstr. Int., C 2004, 65(3), 733  
AU Brandstadt, Kurt Friedrich  
AN 2005:646863 HCAPLUS  
DN 143:148823

L49 ANSWER 15 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
TI Multiple-emulsion enzyme system for surfactant-rich media used in, e.g.

skin treatment, includes surfactants to respectively maintain enzyme in inner phase and fluid in outer phase

PI WO 2003106607 A1 20031224 (200411)\* EN 53[2] C11D001-66  
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS  
LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW  
AU 2003276412 A1 20031231 (200451) EN  
AU 2003276412 A8 20031231 (200562) EN  
IN BECKER N T; BRECHT D J; CHRISTIANO S P; ELMS R A; FENG Q J; HAYES K Q;  
HENG M H; MAZEAUD I; SEVERANCE M K

L49 ANSWER 16 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN  
TI Enzyme-catalysed siloxane bond formation.  
SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (MAR 2003) Vol. 225,  
Part 1, pp. U977-U977. MA 164-IEC.  
ISSN: 0065-7727.  
AU Bassindale A R (Reprint); Brandstadt K F; Lane T H; Taylor P G  
AN 2004:445025 SCISEARCH

L49 ANSWER 17 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN  
TI Synthesis of novel silicon based macromers and  
polymers by enzymatic catalysis  
SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (MAR 2003) Vol. 225,  
Part 2, pp. U698-U698. MA 250-PMSE.  
ISSN: 0065-7727.  
AU Kumar R (Reprint); Samuelson L A; Kumar J; Parmar V S; Watterson A C  
AN 2004:233892 SCISEARCH

L49 ANSWER 18 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI "Sweet silicons": Biocatalytic reactions to form organo-silicon  
carbohydrate macro-mers  
SO Polymer Preprints (American Chemical Society, Division of Polymer  
Chemistry) (2003), 44(2), 617-618  
CODEN: ACPPAY; ISSN: 0032-3934  
AU Sahoo, Bishwabhusan; Brandstadt, Kurt F.; Lane, Thomas H.; Gross, Richard  
A.  
AN 2003:658157 HCAPLUS  
DN 140:199513

L49 ANSWER 19 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Biocatalysis of siloxane bonds  
SO Polymer Preprints (American Chemical Society, Division of Polymer  
Chemistry) (2003), 44(2), 570-571  
CODEN: ACPPAY; ISSN: 0032-3934  
AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter  
G.  
AN 2003:658130 HCAPLUS  
DN 140:159515

→L49 ANSWER 20 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Synthesis of novel silicon-based macromers and  
polymers by enzymatic catalysis  
SO PMSE Preprints (2003), 88, 429-430  
CODEN: PPMRA9; ISSN: 1550-6703  
AU Kumar, Rajesh; Samuelson, Lynne, A.; Kumar, Jayant; Parmar, Virinder, S.;  
Watterson, Arthur, C.  
AN 2003:222754 HCAPLUS  
DN 138:402555



- L49 ANSWER 21 OF 125 MEDLINE on STN DUPLICATE 3  
TI Enzyme-catalysed siloxane bond formation.  
SO Journal of inorganic biochemistry, (2003 Aug 1) Vol. 96, No. 2-3, pp. 401-6.  
Journal code: 7905788. ISSN: 0162-0134.  
AU Bassindale Alan R; Brandstadt Kurt F; Lane Thomas H; Taylor Peter G  
AN 2003355710 MEDLINE
- L49 ANSWER 22 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Synthesis of novel silicon based macromers and polymers by enzymatic catalysis  
SO Abstracts of Papers, 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), PMSE-250 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 69DSA4  
AU Kumar, Rajesh; Samuelson, Lynne A.; Kumar, Jayant; Parmar, Virinder S.; Watterson, Arthur C.  
AN 2003:186047 HCAPLUS
- L49 ANSWER 23 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Biocatalysis of siloxane bonds  
SO Abstracts of Papers, 226th ACS National Meeting, New York, NY, United States, September 7-11, 2003 (2003), POLY-237 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 69EKY9  
AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.  
AN 2003:637118 HCAPLUS
- L49 ANSWER 24 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI (R)-Oxynitrilase-catalysed synthesis of chiral silicon-containing aliphatic (R)-ketone-cyanohydrins  
SO Biotechnology Letters (2003), 25(3), 219-222  
CODEN: BILED3; ISSN: 0141-5492  
AU Li, Ning; Zong, Min-Hua; Liu, Chen; Peng, Hua-Song; Wu, Hua-Chang  
AN 2003:103541 HCAPLUS  
DN 140:4120
- L49 ANSWER 25 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Enzyme-catalyzed siloxane-bond formation  
SO Abstracts of Papers, 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), IEC-164 Publisher: American Chemical Society, Washington, D. C.  
CODEN: 69DSA4  
AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.  
AN 2003:182944 HCAPLUS
- L49 ANSWER 26 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 4  
TI Desorption/ionization on silicon (DIOS) mass spectrometry: background and applications  
SO INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, (15 MAR 2003) Vol. 226, No. 1, pp. 107-116.  
ISSN: 1387-3806.  
AU Lewis W G; Shen Z X; Finn M G; Siuzdak G (Reprint)  
AN 2003:216273 SCISEARCH
- L49 ANSWER 27 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI Enzyme-catalyzed siloxane bond formation.  
SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (MAR 2003) Vol. 225, Part 1, pp. U62-U62. MA 0028-MTLS.  
ISSN: 0065-7727.  
AU Bassindale A R (Reprint); Brandstadt K F; Lanes T H; Taylor P G

AN 2004:440636 SCISEARCH

L49 ANSWER 28 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI New fire-safe polysiloxane polymers

SO Chemical and Physical Processes in Combustion (2003) 49-52

CODEN: CPPCD9; ISSN: 0277-1128

AU Schoemann, Aurelie; Westmoreland, Phillip R.; Farris, Richard J.; Kumar, Rajesh; Watterson, Arthur C.; Samuelson, Lynne

AN 2003:990850 HCAPLUS

DN 141:207726

L49 ANSWER 29 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Enzyme-catalyzed siloxane bond formation

SO Abstracts of Papers, 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), MTLS-028 Publisher: American Chemical Society, Washington, D. C.

CODEN: 69DSA4

AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.

AN 2003:184328 HCAPLUS

L49 ANSWER 30 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

TI Enzyme-catalyzed siloxane bond formation.

SO Abstracts of Papers American Chemical Society, (2003) Vol. 225, No. 1-2, pp. MTLS 28. print.

Meeting Info.: 225th American Chemical Society (ACS) National Meeting. New Orleans, LA, USA. March 23-27, 2003. American Chemical Society.

ISSN: 0065-7727 (ISSN print).

AU Bassindale, Alan R. [Reprint Author]; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G. [Reprint Author]

AN 2003:369604 BIOSIS

L49 ANSWER 31 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

TI Synthesis of novel silicon based macromers and polymers by enzymatic catalysis.

SO Abstracts of Papers American Chemical Society, (2003) Vol. 225, No. 1-2, pp. PMSE 250. print.

Meeting Info.: 225th American Chemical Society (ACS) National Meeting. New Orleans, LA, USA. March 23-27, 2003. American Chemical Society.

ISSN: 0065-7727 (ISSN print).

AU Kumar, Rajesh [Reprint Author]; Samuelson, Lynne A.; Kumar, Jayant; Parmar, Virinder S.; Watterson, Arthur C.

AN 2003:411824 BIOSIS

L49 ANSWER 32 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 5

TI Powdery face washing agent composition

SO Repub. Korean Kongkae Taeho Kongbo, No pp. given

CODEN: KRXXA7

IN Cha, Jin Gi; Cho, Byeong Gi

AN 2004:960841 HCAPLUS

DN 142:204203

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

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PI KR 2002045300

A

20020619

KR 2000-74703

20001208

L49 ANSWER 33 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI Polycondensation of organosilicon compounds in solution with an enzyme catalyst, used e.g. for the production of silicones and silicates, involves using lipase as the enzyme; silicate and silicon production using enzyme immobilization

AU FRIEDRICH T

AN 2002-17473 BIOTECHDS

PI WO 2002022842 21 Mar 2002

L49 ANSWER 34 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Topical composition containing fibers and enzymes  
SO Eur. Pat. Appl., 12 pp.  
CODEN: EPXXDW  
IN Chevalier, Veronique  
AN 2002:752241 HCAPLUS  
DN 137:268193

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1245222	A2	20021002	EP 2002-290650	20020314
EP 1245222	A3	20040317		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002197289	A1	20021226	US 2002-102729	20020322

L49 ANSWER 35 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Microfluidic enzyme immunoassay using silicon microchip with immobilized antibodies and chemiluminescence detection  
SO Analytical Chemistry (2002), 74(13), 2994-3004  
CODEN: ANCHAM; ISSN: 0003-2700  
AU Yakovleva, Julia; Davidsson, Richard; Lobanova, Anna; Bengtsson, Martin; Eremin, Sergei; Laurell, Thomas; Emneus, Jenny  
AN 2002:394485 HCAPLUS  
DN 137:121742

L49 ANSWER 36 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI Formation of enzymatic biofilms on polymer films and on silicon wafers  
SO MOLECULAR CRYSTALS AND LIQUID CRYSTALS, (2002) Vol. 374, pp. 611-616. ISSN: 1058-725X.  
AU Pancera S M (Reprint); Petri D F S  
AN 2002:481440 SCISEARCH

L49 ANSWER 37 OF 125 MEDLINE on STN  
TI Silicon deprivation decreases collagen formation in wounds and bone, and ornithine transaminase enzyme activity in liver.  
SO Biological trace element research, (2002 Dec) Vol. 89, No. 3, pp. 251-61. Journal code: 7911509. ISSN: 0163-4984.  
AU Seaborn C D; Nielsen F H  
AN 2002701084 MEDLINE

L49 ANSWER 38 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Syntheses of enantiopure Si-centrochiral silicon-based muscarinic antagonists using an enantioselective enzymatic esterification as the key step  
SO Silicon Chemistry (2002), 1(1), 35-39  
CODEN: SCIH4; ISSN: 1569-0660  
AU Tacke, Reinhold; Heinrich, Tilman  
AN 2002:753435 HCAPLUS  
DN 138:56006

L49 ANSWER 39 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI Conformational analysis and modeling studies of synthetic 4-dialkylaminopyridine-siloxane oligomers with selective esterase activity  
SO JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS, (JUN 2002) Vol. 12, No. 1-2, pp. 31-47. ISSN: 1053-0495.  
AU Parish C A (Reprint); Zeldin M; Pratt J  
AN 2002:968149 SCISEARCH

L49 ANSWER 40 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Enzyme electrode for use in medical measurement, foodstuffs management and environmental measurement, consists of substrate electrode provided with poly dialkyl siloxane film on which oxidoreductase is fixed  
PI JP 2001208719 A 20010803 (200201)\* JA 6[3] G01N027-327  
IN IIJIMA S; MIZUTANI F; YABUKI S

L49 ANSWER 41 OF 125 LIFESCI COPYRIGHT 2007 CSA on STN DUPLICATE 9  
TI Interferometric sensing of beta -galactosidase released by recombinant E. coli responding to an endocrine disruptor, tributyltin  
SO Biotechnology Letters [Biotechnol. Lett.], (20010501) vol. 23, no. 9, pp. 653-659.  
ISSN: 0141-5492.  
AU Ryu, Chun-Soo; Cho, Sung M.; Kim, Byung-Woo\*  
AN 2001:82890 LIFESCI

L49 ANSWER 42 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Enzymatic synthesis of enantiomerically enriched D- and L-3-silylated alanines by deracemization of DL-5-silylmethylated hydantoins  
SO Tetrahedron: Asymmetry (2001), 12(1), 157-165  
CODEN: TASYE3; ISSN: 0957-4166  
AU Smith, R. J.; Pietzsch, M.; Waniek, T.; Sylatk, C.; Bienz, S.  
AN 2001:167359 HCAPLUS  
DN 134:367156

L49 ANSWER 43 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Method for the production of stable immobilized enzyme layers to be used as sensors and in bioreactors  
SO Ger. Offen., 6 pp.  
CODEN: GWXXBX  
IN Heilmann, Andreas; Kiesow, Andreas; Spohn, Uwe; Janasek, Dirk  
AN 2000:115729 HCAPLUS  
DN 132:119249

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19835869	A1	20000217	DE 1998-19835869	19980807
	DE 19835869	C2	20030918		

L49 ANSWER 44 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI New enzyme electrode for biosensor, useful for detecting glucose  
PI EP 969282 A2 20000105 (200009)\* EN 66[36] G01N027-327  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2000081409 A 20000321 (200025) JA 29 G01N027-327  
JP 2000081410 A 20000321 (200025) JA 22 G01N027-327  
US 6280587 B1 20010828 (200151) EN G01N027-26  
JP 3214561 B2 20011002 (200164) JA 29 G01N027-327  
JP 3214563 B2 20011002 (200164) JA 22 G01N027-327  
IN MATSUMOTO T

L49 ANSWER 45 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Enzyme-catalysed esterification of acrylate or methacrylate with hydroxy-functional and-or polyoxyalkylene-modified siloxane, giving products for use, e.g. in polymer production and radiation-cured coatings  
PI DE 19850507 C1 20000504 (200029)\* DE 10[0] C08G077-38  
EP 999230 A2 20000510 (200029) DE C08G077-08  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2000139488 A 20000523 (200033) JA 8 C12P007-62  
CA 2288384 A1 20000503 (200039) EN C12P009-00  
US 6288129 B1 20010911 (200154) EN B01F017-00  
EP 999230 B1 20030416 (200328) DE C08G077-08

R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
DE 59905050 G 20030522 (200341) DE C08G077-08  
ES 2194411 T3 20031116 (200381) ES C08G077-08

IN GRUENING B; GRUNING B; HILLS G; JEFFREY H; JOSTEN W; SCHAEFER D; SILBER S;  
WEITEMEYER C

L49 ANSWER 46 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Syntheses and Properties of Silicon- and Germanium-Containing  
α-Amino Acids and Peptides: A Study on C/Si/Ge Bioisosterism  
SO Organometallics (2000), 19(18), 3486-3497  
CODEN: ORGND7; ISSN: 0276-7333  
AU Tacke, Reinhold; Merget, Markus; Bertermann, Rudiger; Bernd, Michael;  
Beckers, Thomas; Reissmann, Thomas  
AN 2000:519223 HCAPLUS  
DN 133:267128

L49 ANSWER 47 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Unnatural enantiomers of 5-azacytidine analogs: syntheses and enzymic  
properties  
SO European Journal of Medicinal Chemistry (2000), 35(11), 1011-1019  
CODEN: EJMCA5; ISSN: 0223-5234  
AU Gaubert, Gilles; Mathe, Christophe; Imbach, Jean-Louis; Eriksson, Staffan;  
Vincenzetti, Silvia; Salvatori, Daniela; Vita, Alberto; Maury, Georges  
AN 2000:894112 HCAPLUS  
DN 134:147795

L49 ANSWER 48 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Use of silicon-containing lignin products for in situ soil bioremediation  
SO Environmental Science and Pollution Control Series (2000),  
22(Bioremediation of Contaminated Soils), 699-727  
CODEN: EPCSEF  
AU Telysheva, Galina; Lebedeva, Galina; Dizhbite, Tatiana; Zaimenko, Natalya;  
Ammosova, Jana; Viesturs, Uldis  
AN 2000:859890 HCAPLUS  
DN 134:207302

L49 ANSWER 49 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Adsorption of trypsin on silica-polymethylsiloxane and  
its modified forms  
SO Ukrainskii Khimicheskii Zhurnal (Russian Edition) (2000), 66(1-2), 103-106  
CODEN: UKZHAU; ISSN: 0041-6045  
AU Denisova, T. I.; Karpenko, G. F.; Khalyavka, T. A.; Shvets, D. I.  
AN 2000:720661 HCAPLUS  
DN 134:53120

L49 ANSWER 50 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 10  
TI Enzyme catalysis of ceramic forming: Alumina and  
silicon carbide  
SO INDUSTRIAL CERAMICS, (MAY-AUG 2000) Vol. 20, No. 2, pp. 102-109.  
ISSN: 1121-7588.  
AU Gauckler L J (Reprint); Si W; Graule T J; Baader F H; Will J  
AN 2000:877852 SCISEARCH

L49 ANSWER 51 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Enzyme catalyzed biochemical production in a  
polydimethylsiloxane microreactor  
SO Proceedings of SPIE-The International Society for Optical Engineering  
(2000), 4177(Microfluidic Devices and Systems III), 56-64  
CODEN: PSISDG; ISSN: 0277-786X  
AU Dickey, Cynthia K.; Elmore, Bill B.; Jones, Francis  
AN 2000:811299 HCAPLUS  
DN 134:262960

L49 ANSWER 52 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Sensing probe for quantitative determination of hydrogen peroxide in body  
 of fluid or fluid-containing material  
 PI WO 9953301 A1 19991021 (200002)\* EN 27[1] G01N027-327  
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL  
 OA PT SD SE SL SZ UG ZW  
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB  
 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
 LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
 TT UA UG US UZ VN YU ZA ZW  
 AU 9934915 A 19991101 (200013) EN  
 US 6592746 B1 20030715 (200348) EN G01N027-327  
 IN BAKER D A; GOUGH D; SCHMID-SCHOENBEIN G W

L49 ANSWER 53 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN DUPLICATE 11  
 TI Potential silicon-containing antifolates  
 SO TETRAHEDRON, (5 FEB 1999) Vol. 55, No. 6, pp. 1631-1638.  
 ISSN: 0040-4020.  
 AU Taylor E C (Reprint); Chaudhuri R P; Watson S E  
 AN 1999:116657 SCISEARCH

L49 ANSWER 54 OF 125 MEDLINE on STN DUPLICATE 12  
 TI Efficient enzymatic synthesis of amide with (aminomethyl)trimethylsilane.  
 SO Journal of bioscience and bioengineering, (1999) Vol. 87, No. 5, pp.  
 607-10.  
 Journal code: 100888800. ISSN: 1389-1723.  
 AU Kawamoto T; So R S; Masuda Y; Tanaka A  
 AN 2005556843 MEDLINE

L49 ANSWER 55 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Improving wool yarn quality  
 SO Melliand Textilberichte (1999), 80(6), 540-543, E142-E144  
 CODEN: MTIRDL; ISSN: 0341-0781  
 AU Dobel, H.  
 AN 1999:354824 HCAPLUS  
 DN 131:32940

L49 ANSWER 56 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN DUPLICATE 13  
 TI Enzymatic synthesis of silicon-containing  
 dipeptides with 3-trimethylsilylalanine  
 SO APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, (APR 1999) Vol. 51, No. 4, pp.  
 470-473.  
 ISSN: 0175-7598.  
 AU Ishikawa H; Yamanaka H; Kawamoto T; Tanaka A (Reprint)  
 AN 1999:342842 SCISEARCH

L49 ANSWER 57 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN DUPLICATE 14  
 TI The influence of the chemistry of an organosilica surface on the  
 adsorption of proteins from water-salt solutions  
 SO ADSORPTION SCIENCE & TECHNOLOGY, (1999) Vol. 17, No. 3, pp. 139-145.  
 ISSN: 0263-6174.  
 AU Denisova T I (Reprint); Karpenko G F; Khalyavka T A; Shvets D I  
 AN 1999:607625 SCISEARCH

L49 ANSWER 58 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Use of siloxane polymer for constructing amperometric enzyme sensors  
 SO Proceedings - Electrochemical Society (1999), 99-23 (Chemical Sensors IV),  
 93-98  
 CODEN: PESODO; ISSN: 0161-6374  
 AU Mizutani, Fumio; Yabuki, Soichi; Iijima, Seiichiro  
 AN 1999:533479 HCAPLUS  
 DN 131:308503

L49 ANSWER 59 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Features of protein adsorption by silicopolymethylsiloxane sorbents  
 SO Ukrainskii Biokhimiicheskii Zhurnal (1999), 71(2), 46-50  
 CODEN: UBZHD4; ISSN: 0201-8470  
 AU Karpenko, G. F.; Denisova, T. I.; Khalyavka, T. A.; Shvets, D. I.  
 AN 1999:720527 HCAPLUS  
 DN 132:47181

L49 ANSWER 60 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Enzyme catalysis of ceramic forming: alumina and  
 silicon carbide  
 SO Advances in Science and Technology (Faenza, Italy) (1999), 15(Ceramics:  
 Getting into the 2000's, Pt. C), 15-40  
 CODEN: ASETES  
 AU Gauckler, L. J.; Si, W.; Graule, T. J.; Baader, F. H.; Will, J.  
 AN 1999:661115 HCAPLUS  
 DN 132:67698

L49 ANSWER 61 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 15  
 TI Biosensor production method.  
 SO Jpn. Kokai Tokkyo Koho, 16 pp.  
 CODEN: JKXXAF  
 IN Saito, Atsushi; Saito, Soichi  
 AN 1998:712193 HCAPLUS  
 DN 130:22492

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10293112	A	19981104	JP 1997-116474	19970418
	JP 3102378	B2	20001023		

L49 ANSWER 62 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Determination of DNA synthesizing enzyme activity  
 using DNA synthesis on silicon support and  
 ellipsometry  
 SO Jpn. Kokai Tokkyo Koho, 10 pp.  
 CODEN: JKXXAF  
 IN Kondo, Seiji  
 AN 1998:68415 HCAPLUS  
 DN 128:138031

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10023900	A	19980127	JP 1996-179221	19960709

L49 ANSWER 63 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI Granular detergent composition, used for washing clothes - comprises  
 surfactant; builder, particulate foam control agent, hydrated magnesium  
 sulphate, protease enzyme and cellulase enzyme  
 PI WO 9845395 A1 19981015 (199847)\* EN 30[0] C11D003-00  
 W: BR CA CN JP MX US  
 US 6169063 B1 20010102 (200103) EN C11D009-36  
 IN KVIETOK F A; NORMAN W I; SWIFT R A; VARADARAJAN J

L49 ANSWER 64 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI Treatment of refuse using group of effective microorganisms - comprises  
 collecting food residue (refuse), crushing the residue, adjusting the  
 temperature, mixing bio-balance with the refuse, pelletising and bagging  
 PI JP 10015526 A 19980120 (199813)\* JA 5[1] B09B003-00  
 IN SAITO K

L49 ANSWER 65 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN  
 TI Method for growing large crystals of biopolymers such as proteins and  
 nucleic acids;

enzyme, protein, RNA or DNA crystallization on silicon semiconductor  
element for biosensor construction

AU Sanjoh A  
AN 1998-03768 BIOTECHDS  
PI WO 9749845 31 Dec 1997

L49 ANSWER 66 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Skin cleansers or other products containing enzymes and stabilizers  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
IN Gagnebien, Didier  
AN 1997:265338 HCAPLUS  
DN 126:255277

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09040544	A	19970210	JP 1996-194927	19960724
	JP 3108631	B2	20001113		
	FR 2737115	A1	19970131	FR 1995-9027	19950725
	FR 2737115	B1	19970822		
	EP 759293	A1	19970226	EP 1996-401451	19960701
	EP 759293	B1	19981007		
	R: DE, ES, FR, GB, IT				
	ES 2126368	T3	19990316	ES 1996-401451	19960701
	BR 9604011	A	19980422	BR 1996-4011	19960724
	US 5830449	A	19981103	US 1996-686922	19960724

L49 ANSWER 67 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI A solid pharmaceutical composition providing improved oral bioavailability  
for HIV protease inhibitors  
SO U.S., 18 pp., Cont.-in-part of U.S. Ser. No. 267,273, abandoned.  
CODEN: USXXAM  
IN Al-razzak, Laman A.; Marsh, Kennan C.; Pyter, Richard A.  
AN 1996:610346 HCAPLUS  
DN 125:301598

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5559158	A	19960924	US 1994-297004	19940831
	CA 2167413	A1	19950413	CA 1994-2167413	19940909
	WO 9509614	A1	19950413	WO 1994-US10096	19940909
	W: AU, CA, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9477229	A	19950501	AU 1994-77229	19940909
	AU 685509	B2	19980122		
	EP 721330	A1	19960717	EP 1994-928043	19940909
	EP 721330	B1	20010328		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 09503501	T	19970408	JP 1994-510810	19940909
	AT 200023	T	20010415	AT 1994-928043	19940909
	ES 2156904	T3	20010801	ES 1994-928043	19940909
	PT 721330	T	20010928	PT 1994-928043	19940909
	IL 110915	A	19991222	IL 1994-110915	19940911
	US 5610193	A	19970311	US 1996-650261	19960522
	GR 3036091	T3	20010928	GR 2001-400936	20010619

L49 ANSWER 68 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI UV polymerizable enzyme paste for the production of biosensors  
SO Eur. Pat. Appl., 7 pp.  
CODEN: EPXXDW  
IN Rohm, Ingrid; Bilitewski, Ursula  
AN 1996:161243 HCAPLUS  
DN 124:197717

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 691408	A1	19960110	EP 1995-110563	19950706
	EP 691408	B1	20001108		



R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
DE 4424179	A1	19960111	DE 1994-4424179	19940708
DE 4424179	C2	19980910		
AT 197476	T	20001111	AT 1995-110563	19950706
ES 2152348	T3	20010201	ES 1995-110563	19950706
PT 691408	T	20010228	PT 1995-110563	19950706
GR 3035345	T3	20010531	GR 2001-400170	20010201

L49 ANSWER 69 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Biosensor with enzyme immobilized on a Si3N4 surface  
 SO Ger. Offen., 5 pp.  
 CODEN: GWXXBX  
 IN Thust, Marion; Schoening, Michael Josef; Vetter, Joachim; Kaupp, Ulrich  
 Benjamin; Kordos, Peter; Lueth, Hans  
 AN 1996:262748 HCAPLUS  
 DN 124:283697

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4436001	A1	19960411	DE 1994-4436001	19941008
	DE 4436001	C2	19960725		
	CA 2202043	A1	19960418	CA 1995-2202043	19950930
	WO 9611402	A1	19960418	WO 1995-DE1371	19950930
	W: BR, CA, CN, JP, KR, MX, SG, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 784791	A1	19970723	EP 1995-933316	19950930
	EP 784791	B1	20011121		
	R: AT, CH, DE, FR, GB, LI, NL				
	BR 9509127	A	19970902	BR 1995-9127	19950930
	CN 1166874	A	19971203	CN 1995-196188	19950930
	JP 10506994	T	19980707	JP 1995-512256	19950930
	AT 209357	T	20011215	AT 1995-933316	19950930

L49 ANSWER 70 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN  
 TI Dietary silicon affects some collagen synthesizing  
 enzymes in rats.  
 SO FASEB JOURNAL, (8 MAR 1996) Vol. 10, No. 3, pp. 4526-4526.  
 ISSN: 0892-6638.  
 AU Seaborn C D (Reprint); Nielsen F H  
 AN 1996:212701 SCISEARCH

L49 ANSWER 71 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN  
 TI Design and implementation of a microchemistry analyzer  
 SO PURE AND APPLIED CHEMISTRY, (OCT 1996) Vol. 68, No. 10, pp. 1837-1841.  
 ISSN: 0033-4545.  
 AU Peled N (Reprint)  
 AN 1996:796333 SCISEARCH

L49 ANSWER 72 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 TI Dietary silicon affects some collagen synthesizing  
 enzymes in rats.  
 SO FASEB Journal, (1996) Vol. 10, No. 3, pp. A784.  
 Meeting Info.: Experimental Biology 96, Part II. Washington, D.C., USA.  
 April 14-17, 1996.  
 CODEN: FAJOEC. ISSN: 0892-6638.  
 AU Seaborn, C. D. [Reprint author]; Nielsen, F. H.  
 AN 1996:211654 BIOSIS

L49 ANSWER 73 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
 on STN  
 TI A biosensor array based on polyaniline  
 SO ANALYTICAL CHEMISTRY, (1 MAR 1996) Vol. 68, No. 5, pp. 779-783.  
 ISSN: 0003-2700.

AU Sangodkar H (Reprint); Sukeerthi S; Srinivasa R S; Lal R; Contractor A Q  
AN 1996:173441 SCISEARCH

L49 ANSWER 74 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 17

TI Micromachined glucose sensor

SO BIOSENSORS & BIOELECTRONICS, (1996) Vol. 11, No. 1-2, pp. 187-190.  
ISSN: 0956-5663.

AU Steinkuhl R (Reprint); Dumschat C; Sundermeier C; Hinkers H; Renneberg R;  
Cammann K; Knoll M

AN 1996:88162 SCISEARCH

L49 ANSWER 75 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Glucose and urea measurement using micromachined open tubular heterogenous  
enzyme reactors

SO DECHEMA Monographien (1996), 132 (Microsystem Technology for Chemical and  
Biological Microreactors), 125-37  
CODEN: DMDGAG; ISSN: 0070-315X

AU Strike, D. J.; Thiebaud, P.; Arquint, P.; Koudelka-Hep, M.; De Rooij, N.  
F.; Meijerink, M. G. H.

AN 1996:210517 HCAPLUS

DN 125:52598

L49 ANSWER 76 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Method for immobilizing lipases in hydrophobic silicon oxide matrixes and  
use of the immobilized enzyme for hydrolysis or synthesis of esters and  
transesterification

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

IN Reetz, Manfred T.; Simpelkamp, Joerg; Zonta, Albin

AN 1995:994641 HCAPLUS

DN 124:49503

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4408152	A1	19950914	DE 1994-4408152	19940311
EP 676414	A1	19951011	EP 1995-103126	19950304
EP 676414	B1	19991020		
R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, LU, NL, SE				
AT 185816	T	19991115	AT 1995-103126	19950304
ES 2137388	T3	19991216	ES 1995-103126	19950304
CA 2144218	A1	19950912	CA 1995-2144218	19950308
US 5817493	A	19981006	US 1995-401733	19950309
JP 07274964	A	19951024	JP 1995-52392	19950313

L49 ANSWER 77 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI Enantioselective synthesis of several 1-O-beta-D-glucosides using  
almond beta-glucosidase (E.C. 3.2.1.21);

butyric acid-N-butyl-amide-O-glucoside, butyric acid ethyl  
ester-O-glucoside and trimethylsilylethyl-O-glucoside production

SO Biotechnol. Lett.; (1995) 17, 11, 1169-74

CODEN: BILED3 ISSN: 0141-5492

AU Fischer L; Bromann R; Wagner F

AN 1996-00428 BIOTECHDS

L49 ANSWER 78 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 18

TI ENZYMATIC GRAFTING OF AMYLOSE FROM POLY(DIMETHYLSILOXANES)

SO MACROMOLECULES, (2 JAN 1995) Vol. 28, No. 1, pp. 17-24.  
ISSN: 0024-9297.

AU VONBRAUNMUEHL V (Reprint); JONAS G; STADLER R

AN 1995:50533 SCISEARCH

L49 ANSWER 79 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Preparation of thin film electronic devices - by arranging two or more

biological high polymers which form two-dimensional arrangement on interface and transferring to solid phase

PI JP 06287536 A 19941011 (199445)\* JA 8[0] C09K003-00  
IN MATSUDA H; MORIKAWA Y; OYAMA J; TAKEDA T

L49 ANSWER 80 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 19

TI INCREASING GLUCOSE DETERMINATION RANGE BY FLOW-INJECTION ANALYSIS (FIA)  
USING GLUCOSE-OXIDASE IMMOBILIZED ON POLYANILINE

SO BIOTECHNOLOGY TECHNIQUES, (FEB 1994) Vol. 8, No. 2, pp. 133-136.  
ISSN: 0951-208X.

AU LEITE V (Reprint); DASILVA V L; AZEVEDO W M; MELO E H M; LIMA J L  
AN 1994:157089 SCISEARCH

L49 ANSWER 81 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Redox polymer-modified enzyme electrode for the electrochemical  
regeneration of coenzyme

SO U.S., 18 pp.  
CODEN: USXXAM

IN Skotheim, Terje; Okamoto, Yoshiyuki; Gorton, Lo G.; Lee, Hung Sui; Hale,  
Paul

AN 1994:101242 HCAPLUS

DN 120:101242

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI US 5264092	A	19931123	US 1991-770310	19911002

L49 ANSWER 82 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Glucose detecting device for measurement of glucose intensity - comprises  
working electrode of conductive base formed by supporting electron moving  
anchored silicon compsn. and glucose oxidase containing carbon@ paste, etc.

PI JP 05093707 A 19930416 (199320)\* JA 9[9] G01N027-416  
JP 3032593 B2 20000417 (200024) JA 9 G01N027-416

IN KOYAMA N; SHIMOMURA T

L49 ANSWER 83 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN

TI FORMATION AND ENZYMATIC MODIFICATION OF A  
SILICON-BOUND LIPID MONOLAYER

SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (22 AUG 1993) Vol.  
206, Part 2, pp. 203-POLY.  
ISSN: 0065-7727.

AU GABER B P (Reprint); PEEK B M; TURNER D C; BRANDOW S L; LEACHSCAMPAVIA D  
AN 1993:478537 SCISEARCH

L49 ANSWER 84 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Formation and enzymic modification of a  
silicon-bound lipid monolayer

SO Polymer Preprints (American Chemical Society, Division of Polymer  
Chemistry) (1993), 34(2), 108-9  
CODEN: ACPPAY; ISSN: 0032-3934

AU Gaber, Bruce Paul; Peek, Brian M.; Turner, David C.; Brandow, Susan L.;  
Leach-Scampavia, Deborah

AN 1994:62220 HCAPLUS

DN 120:62220

L49 ANSWER 85 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation  
on STN DUPLICATE 20

TI FORMATION OF SILICON-CARBIDE FROM RICE HUSKS USING  
ENZYMATIC METHODS FOR CARBON CONTROL

SO BIORESOURCE TECHNOLOGY, (1993) Vol. 44, No. 1, pp. 47-51.  
ISSN: 0960-8524.

AU MIZUKI E (Reprint); OKUMURA S; SAITO H; MURAO S  
AN 1993:127197 SCISEARCH

L49 ANSWER 86 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN  
 TI Formation and enzymatic modification of a  
 silicon-bound lipid monolayer;  
 using phospholipase-C (conference abstract)  
 SO Abstr.Pap.Am.Chem.Soc.; (1993) 206 Meet., Pt.2, ORGN203  
 CODEN: ACSRAL  
 AU Gaber B P; Peek B M; Turner D C; Brandow S L; Leach-Scampavia D  
 AN 1993-11767 BIOTECHDS

L49 ANSWER 87 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Inorganic based enzyme carrier and immobilized enzymes  
 SO Eur. Pat. Appl., 11 pp.  
 CODEN: EPXXDW  
 IN Bonse, Dirk; Schindler, Hubert; Mueller, Hans Joerg  
 AN 1992:168970 HCAPLUS  
 DN 116:168970

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 469494	A2	19920205	EP 1991-112667	19910727
	EP 469494	A3	19920513		
	EP 469494	B1	19950125		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
	DE 4024491	A1	19920206	DE 1990-4024491	19900802
	ZA 9105221	A	19920429	ZA 1991-5221	19910705
	HU 61589	A2	19930128	HU 1991-2512	19910726
	HU 209857	B	19941128		
	JP 04229175	A	19920818	JP 1991-189685	19910730
	US 5229284	A	19930720	US 1991-737983	19910730
	AU 9181467	A	19920206	AU 1991-81467	19910731
	AU 637714	B2	19930603		
	CA 2048317	A1	19920203	CA 1991-2048317	19910801
	FI 9103663	A	19920203	FI 1991-3663	19910801
	FI 99026	B	19970613		
	FI 99026	C	19970925		
	KR 224282	B1	19991015	KR 1991-13433	19910802

L49 ANSWER 88 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN  
 TI Immobilization of flavoproteins on silicon: effect of cross-linker chain  
 length on enzyme activity;  
 crosslinker chain length effect on immobilized choline-oxidase and  
 glucose-oxidase activity  
 SO Biosensors Bioelectron.; (1992) 7, 5, 367-73  
 AU Rusin K M; Fare T L; \*Stemple J Z  
 AN 1992-09963 BIOTECHDS

L49 ANSWER 89 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN  
 TI Biosensor for assaying organic compound;  
 includes immobilized Trichosporon cutaneum or Pseudomonas putida in a  
 layer over semiconducting, oxygen sensitive element, for measuring  
 BOD, etc.  
 AN 1992-07334 BIOTECHDS  
 PI DD 294798 10 Oct 1991

L49 ANSWER 90 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Enzyme immobilization on super fine inorganic particles  
 SO Jpn. Kokai Tokkyo Koho, 3 pp.  
 CODEN: JKXXAF  
 IN Koga, Naoki; Suzuki, Shigemi  
 AN 1991:651034 HCAPLUS  
 DN 115:251034

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03087183	A	19910411	JP 1989-226175	19890831

L49 ANSWER 91 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Vehicles for sustained-release pharmaceutical formulations  
 SO Eur. Pat. Appl., 22 pp.  
 CODEN: EPXXDW  
 IN Aguadisch, Louis Michel Jaques; Grisoni, Bernard Francis; Etienne, Alain  
 AN 1991:478936 HCAPLUS  
 DN 115:78936

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 425154	A1	19910502	EP 1990-311278	19901016
	EP 425154	B1	19930915		
	R: BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
	FR 2653337	A1	19910426	FR 1989-13818	19891023
	FR 2653337	B1	19920207		
	ES 2044451	T3	19940101	ES 1990-311278	19901016
	CA 2027865	A1	19910424	CA 1990-2027865	19901017
	BR 9005223	A	19910917	BR 1990-5223	19901017
	HU 69395	A2	19950928	HU 1990-6525	19901020
	AU 9064863	A	19910426	AU 1990-64863	19901022
	AU 639947	B2	19930812		
	JP 03167116	A	19910719	JP 1990-285678	19901023

L49 ANSWER 92 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Fluorescent probe for detecting analyte in fluid - comprises  
 poly(di:methyl siloxane) matrix containing 9,10-di:phenyl-anthracene  
 PI US 5034189 A 19910723 (199132)\* EN  
 IN COX M E; PARKER J W

L49 ANSWER 93 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Glutamate biosensors based on electrical communication between L-glutamate  
 oxidase and a flexible redox polymer  
 SO Analytical Letters (1991), 24(3), 345-56  
 CODEN: ANALBP; ISSN: 0003-2719  
 AU Hale, Paul D.; Lee, Hung Sui; Okamoto, Yoshi; Skotheim, Terje A.  
 AN 1991:445313 HCAPLUS  
 DN 115:45313

L49 ANSWER 94 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI An immobilized enzyme electrode containing pH buffer and permeable  
 membrane specific to oxygen  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 IN Saito, Atsushi  
 AN 1991:203139 HCAPLUS  
 DN 114:203139

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02287148	A	19901127	JP 1989-107202	19890428
	JP 08020409	B	19960304		
	US 5118404	A	19920602	US 1991-660911	19910227

L49 ANSWER 95 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Electrode coated with conductive diamond layer and enzyme biosensor  
 containing the electrode  
 SO Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 IN Ito, Toshimichi  
 AN 1991:139397 HCAPLUS  
 DN 114:139397

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02266253	A	19901031	JP 1989-88907	19890407
	JP 2767124	B2	19980618		

L49 ANSWER 96 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Carrier-enzyme complexes of varying hydrophobicity production - using synthetic zeolite of varying silicon to aluminium ratio, pref. faujasite(s)

PI DD 284248 A 19901107 (199115)\* DE

IN GWENNER C; HEINRITZ B; JERSCHKWIT H; KONIECZNY B; LOHSE U; SCHNEIDER J; STAHL H; THIEM M

L49 ANSWER 97 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Proteolytic degradation of fibrinogen layers adsorbed on hydrophilic and hydrophobic surfaces

SO Colloids and Surfaces (1990), 44, 51-60  
CODEN: COSUD3; ISSN: 0166-6622

AU Welin-Klintstroem, Stefan; Wikstroem, Maude; Askendal, Agneta; Elwing, Hans; Lundstroem, Ingemar; Karlsson, Jan Olof; Renvert, Stefan

AN 1990:212802 HCAPLUS

DN 112:212802

L49 ANSWER 98 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI pH sensor and glucose sensor;  
based on field-effect transistor; glucose-oxidase immobilization;  
enzyme electrode; glucose analysis

AN 1989-13702 BIOTECHDS

PI JP 01176934 13 Jul 1989

L49 ANSWER 99 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Macroporous silica gel production from emulsified poly:alkoxy-siloxane - by controlled ammonolysis, useful e.g. as adsorbent or enzyme carrier

PI DE 3917629 A 19891214 (198951)\* DE 3[0]  
DD 283040 A 19901003 (199110) DE

IN EPPERT G; SCHINKE I

L49 ANSWER 100 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Influence of immobilization technique on the quality of immobilized enzyme products based on a porous silicon dioxide carrier

SO Enzyme and Microbial Technology (1989), 11(1), 26-8  
CODEN: EMTED2; ISSN: 0141-0229

AU Soerensen, Jens Erik; Emborg, Claus

AN 1989:91256 HCAPLUS

DN 110:91256

L49 ANSWER 101 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Catalyst for e.g. deodorising waste water or air - obtd. by mixing fine powder of carbon, silicon, alumina and enzyme and calcining

PI JP 63054945 A 19880309 (198816)\* JA 3[0]

IN SAKAI S

L49 ANSWER 102 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Inosine sensor based on an amorphous silicon ISFET.

SO Analytical Letters (1988), 21(10), 1785-800  
CODEN: ANALBP; ISSN: 0003-2719

AU Gotoh, Masao; Tamiya, Eiichi; Seki, Atsushi; Shimizu, Isamu; Karube, Isao

AN 1988:628899 HCAPLUS

DN 109:228899

L49 ANSWER 103 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Process for recycling of phase-forming liquids of multi-phase aqueous systems

SO U.S., 7 pp. Cont.-in-part of U.S. Ser. No. 728,242, abandoned.  
CODEN: USXXAM

IN Ananthapadmanabhan, Kavssery P.; Goodard, Errol D.

AN 1989:611539 HCAPLUS

DN 111:211539

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

PI US 4690892 A 19870901 US 1986-828656 19860212

L49 ANSWER 104 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Poly-yne polymers - contains platinum and silicon in polymer chain and can be used in production of enzyme-fixing membrane

PI JP 62050332 A 19870305 (198715)\* JA 6[0]

IN SHIINA K; SONOGASHIRA K

L49 ANSWER 105 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI Effect of oils and fatty acids on the growth and the synthesis of enzymes in *Thermoactinomyces vulgaris*: VI. Studies on the mode of action of oil; effect of rapeseed oil and silicon oil on protease and alpha-amylase biosynthesis, starch hydrolysis etc.

SO Acta Biotechnol.; (1987) 7, 1, 39-47

CODEN: ACBTDD

AU Leuchtenberger A; Jakovleva M B; Ruttloff H; Loginova L G

AN 1987-09342 BIOTECHDS

L49 ANSWER 106 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI Vacuum-plated film for immobilizing physiologically active substance; obtained by forming enzyme-immobilizing reagent on inorganic support by vacuum-plating a silane coupling agent and dialdehyde compound

AN 1987-00562 BIOTECHDS

PI JP 61176845 8 Aug 1986

L49 ANSWER 107 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Insulated board production for PCB - includes coating silicon steel strip with enzyme frit and heating to melt frit

PI JP 60263405 A 19851226 (198607)\* JA 5[4]

JP 04046443 B 19920730 (199235) JA 6 H01F001-18

IN SUZUKI N

L49 ANSWER 108 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Use of silane monomers for molecular imprinting and enzyme entrapment in polysiloxane-coated porous silica

SO Journal of Chromatography (1985), 347(1), 11-23

CODEN: JOCRAM; ISSN: 0021-9673

AU Glad, Magnus; Norrloew, Olof; Selligren, Boerje; Siegbahn, Nils; Mosbach, Klaus

AN 1986:48229 HCAPLUS

DN 104:48229

L49 ANSWER 109 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Production of crosslinked polymer granules having amino gp. - utilising silicon cpd. containing amino gp. and hydrolysable gp. in liquid chromatography and in enzyme fixing

PI JP 59179503 A 19841012 (198447)\* JA 8[0]

IN AOYAMA T; HIRAI O; MUKOYAMA Y

L49 ANSWER 110 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Synthesis of inorganic matrixes for enzyme immobilization by the chemical assembly method and a study of their properties

SO Zhurnal Prikladnoi Khimii (Sankt-Peterburg, Russian Federation) (1984), 57(6), 1428-30

CODEN: ZPKHAB; ISSN: 0044-4618

AU Gimanova, I. M.; Postnov, V. N.

AN 1984:528771 HCAPLUS

DN 101:128771

L49 ANSWER 111 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
 TI Determination of bile acids with immobilized enzyme on gel-like  
 glass formed with silicon tetraethoxide  
 SO Bunseki Kagaku (1984), 33(1), 6-11  
 CODEN: BNSKAK; ISSN: 0525-1931  
 AU Karatani, Hajime; Oka, Syotaro  
 AN 1984:99284 HCAPLUS  
 DN 100:99284

L49 ANSWER 112 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI Purifying proteolytic enzymes by bio-specific sorption - using sorbent  
 prepared from amino-silicon cpd., ligand and condensing agent  
 PI US 4264738 A 19810428 (198120)\* EN  
 IN AKPAROV V K; GAIDA A V; RUDENSKAYA G N; STEPANOV V M

L49 ANSWER 113 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI External building wall protective compsn. - containing scleroprotein-derived  
 enzymatically active metallo-protein and pref.  
 polysiloxane-forming retention agent polymerisable in  
 situ  
 PI DE 3030250 A 19810910 (198138)\* DE 16  
 FR 2477565 A 19810911 (198142) FR  
 ZA 8007380 A 19811008 (198205) EN  
 DE 3030250 C 19860626 (198626) DE  
 IN DESHAYES E L

L49 ANSWER 114 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN DUPLICATE 22  
 TI POLY METHYL GLUTAMATE AS A NEW MATRIX FOR COVALENTLY IMMOBILIZED ENZYMES  
 PREPARATION AND PROPERTIES OF UREASE EC-3.5.1.5 AND URICASE EC-1.7.3.3.  
 SO Biotechnology and Bioengineering, (1980) Vol. 22, No. 6, pp. 1225-1236.  
 CODEN: BIBIAU. ISSN: 0006-3592.  
 AU MINAMOTO Y [Reprint author]; YUGARI Y  
 AN 1980:257907 BIOSIS

L49 ANSWER 115 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI Carrier for enzyme immobilisation preparation - by modifying  
 silicon-containing  
 material with aminopropyl-tri:alkoxy-silane and treating the prod. with  
 toluylene-di:isocyanate  
 PI SU 672203 A 19790708 (198011)\* RU  
 IN CHUIKKO A A; FEDORCHENK E I; TERTYKH V A

L49 ANSWER 116 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN  
 TI Selective absorbent for immunological determinations - comprises a  
 water-insoluble polymer matrix e.g. polyacrylamide containing magnetically  
 attracted particles and a selective absorbent  
 PI BE 870834 A 19790328 (197914)\* FR  
 GB 2005019 A 19790411 (197915) EN  
 DE 2841782 A 19790412 (197916) DE  
 JP 54090883 A 19790718 (197935) JA  
 CA 1112161 A 19811110 (198150) EN  
 GB 2005019 B 19820818 (198233) EN  
 CH 648127 A 19850228 (198512) DE  
 JP 63001546 B 19880113 (198805) JA  
 DE 2841782 C 19880721 (198829) DE G01N033-543

L49 ANSWER 117 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN DUPLICATE 23  
 TI ENZYMATIC CHANGE IN THE QUANTITY OF MOBILE FORMS OF



IRON MANGANESE ALUMINUM AND SILICON IN BROWN FOREST SOILS IN  
BEECH BIO GEOCENOSSES.

SO Gorskostopanska Nauka, (1979) Vol. 16, No. 6, pp. 46-52.  
CODEN: GONAAR. ISSN: 0017-2286.  
AU MILANOV R [Reprint author]  
AN 1981:186246 BIOSIS

L49 ANSWER 118 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Hydrolysis of a polyalkoxysilane glycerol derivative  
SO Bulletin de la Societe de Pharmacie de Bordeaux (1972), 111(4), 200-10  
CODEN: BSPBAD; ISSN: 0037-9093  
AU Fourtillan, J. B.; Dupin, J. P.; Lemoigne, B.  
AN 1973:511618 HCAPLUS  
DN 79:111618

L49 ANSWER 119 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Silicon-containing material, on whose surface is attached an  
enzyme-polymer product  
SO Ger. Offen., 39 pp.  
CODEN: GWXXBX  
IN Miller, Robert Everett  
AN 1972:17801 HCAPLUS  
DN 76:17801

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2106215	A	19710819	DE 1971-2106215	19710210
	US 3715278	A	19730206	US 1970-10655	19700211
	NL 7101679	A	19710813	NL 1971-1679	19710209
	BE 762743	A1	19710810	BE 1971-99588	19710210
	FR 2083067	A5	19711210	FR 1971-4435	19710210

L49 ANSWER 120 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Effects of combined silicon and gibberellic acid on enzyme behavior and  
sucrose content of immature sugarcane  
SO Proc. Int. Soc. Sugar-Cane Technol. (1969), Meeting Date 1968, Volume 13,  
522-31. Editor(s): Liu, Kan-Chih. Publisher: Elsevier Publ. Co.,  
Amsterdam, Neth.  
CODEN: PSSCAF  
AU Alexander, Alex G.  
AN 1970:454844 HCAPLUS  
DN 73:54844

L49 ANSWER 121 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI INFLUENCE OF VARIABLE MANGANESE AND SILICON ON THE NUTRITION  
SUGAR PRODUCTION AND ENZYME ACTIVITY OF IMMATURE  
SUGARCANE-M ENZ STARCH PHOSPHORYLASE ENZ PHOSPHATASES ENZ POLY PHENOL  
OXIDASE.  
SO Journal of Agriculture of the University of Puerto Rico, (1969) Vol. 53,  
No. 1, pp. 14-27.  
CODEN: JAUPA8. ISSN: 0041-994X.  
AU SAMUELS G; ALEXANDER A G  
AN 1969:179200 BIOSIS

L49 ANSWER 122 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Influence of variable manganese and silicon on the nutrition,  
sugar production, and enzyme activity of immature  
sugarcane  
SO Journal of Agriculture of the University of Puerto Rico (1969), 53(1),  
6-19  
CODEN: JAUPA8; ISSN: 0041-994X  
AU Samuels, George; Alexander, Alex G.  
AN 1969:46504 HCAPLUS  
DN 70:46504

L49 ANSWER 123 OF 125 MEDLINE on STN  
 TI [Combination of dimethylpolysiloxane and digestive  
 enzymes in the treatment of marked forms of abdominal  
 meteorism].  
 A associacao de dimetilpolisiloxana e enzimas digestivos no tratamento das  
 formas acentuadas de meteorismo abdominal.  
 SO Hospital, (1965 Dec) Vol. 68, No. 6, pp. 1385-9.  
 Journal code: 9427238. ISSN: 0018-5469.  
 AU Ferraz W G; Wafae N  
 AN 66142754 MEDLINE

L49 ANSWER 124 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Enzyme-polymer product coated on a silicon  
 - contng material

PI DE 2106215 A (197134) \* DE  
 BE 762743 A (197134) FR  
 NL 7101679 A (197135) NL  
 JP 46001836 A (197140) JA  
 FR 2083067 A (197209) FR  
 US 3715278 A (197308) EN

L49 ANSWER 125 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Tabletted silicone oil preps for gastrointestinal wind

PI BE 700694 A (196800) \* FR  
 FR 1554642 A (196801) FR  
 GB 1154256 A (196801) EN  
 ZA 6704007 A (196801) EN

=> save temp siloxane/a l49

ANSWER SET L49 HAS BEEN SAVED AS 'SILOXANE/A'

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

340.31

340.52

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:25:01 ON 17 JAN 2007